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(71) Applicant: **CANON KABUSHIKI KAISHA**  
 30-2, 3-chome, Shimomaruko  
 Ohta-ku Tokyo(JP)

(72) Inventor: **Eguchi, Ken**  
 No. 201 Sanisu Atsugi 7-20, Sakae-cho  
 1-chome  
 Atsugi-shi Kanagawa-ken(JP)  
 Inventor: **Sakai, Kunihiro**  
 1531-7, Shimotsuruma  
 Yamato-shi Kanagawa-ken(JP)  
 Inventor: **Kawada, Haruki**  
 D-201 Sukaitaun 3-8, Sakae-cho 2-chome  
 Atsugi-shi Kanagawa-ken(JP)  
 Inventor: **Matsuda, Hiroshi**  
 No. 201 Puchihausu 141-7, Sachigaoka  
 Asahi-ku Yokohama-shi Kanagawa-ken(JP)  
 Inventor: **Morikawa, Yuko**  
 231-7, Kamihirama Nakahara-ku  
 Kawasaki-shi Kanagawa-ken(JP)  
 Inventor: **Nakagiri, Takeshi**  
 18-2, Sendagi 3-chome Bunkyo-ku  
 Tokyo(JP)  
 Inventor: **Hamamoto, Takeshi**  
 4-1104, Wakabadai 1-chome Asahi-ku  
 Yokohama-shi Kanagawa-ken(JP)  
 Inventor: **Kuribayashi, Masaki**  
 639-11, Higashi Naganuma  
 Inagi-shi Tokyo(JP)

(74) Representative: **Beresford, Keith Denis Lewis**  
 et al  
**BERESFORD & Co.** 2-5 Warwick Court High  
 Holborn  
 London WC1R 5DJ(GB)

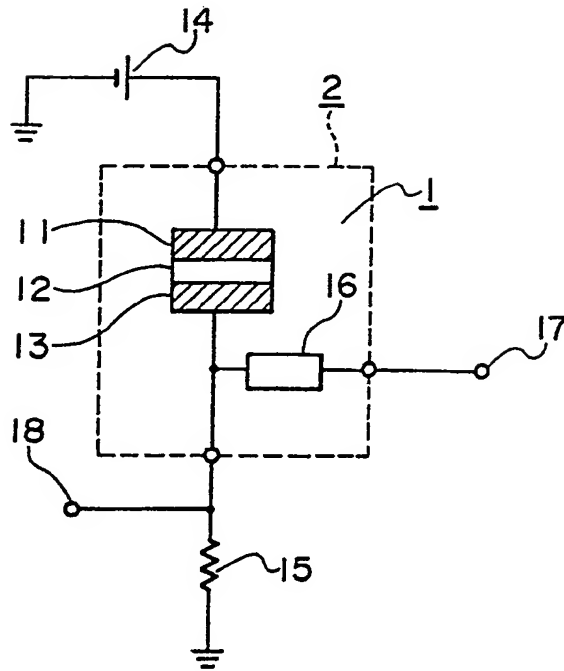
EP 0 268 370 A3

(54) **Switching device.**

(57) A switching device is characterized by having a  
 periodical layer structure of an organic insulator be-  
 tween a pair of electrodes and having memorizability  
 with respect to switching characteristics. The layer

structure is formed of an amphiphilic compound ac-  
 cording to the LB method.

FIG. 1





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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	APPLIED PHYSICS LETTERS vol. 31, no. 9, 1st November 1977, pages 553-555, New York, U.S.A.; CHUN CHIANG: "A model of switching and negative resistance phenomenon in organic thin film with dipoles". * figures 1,2; page 553 *	1,45,46	H 01 L 29/28 H 01 L 45/00
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Y	idem	49-52, 54-58	TECHNICAL FIELDS SEARCHED (Int. Cl.4) H 01 L 29/28 H 01 L 45/00 B 05 D 1/12 G 11 C 11/22 G 11 C 19/30 H 01 B 1/12
Y	--- EP-A-0 077 135 (QMC INDUSTRIAL RESEARCH LTD.) * abstract; figure 1; page 19, lines 22-25 *	2-4,34, 41,42, 47,48	
Y	--- THIN SOLID FILMS vol. 134, no. 1-3, 20th December 1985, pages 89-99, Lausanne, Switzerland; B. BELBEOCH et al.: "Evidence of chain interdigitation in langmuirblodgett films." * pages 89,90; figure 1 * --- -/-	2,3,41, 43,54, 55,58	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-02-1989	Examiner JUHL A.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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DOCUMENTS CONSIDERED TO BE RELEVANT			
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Y	FR-A-2 134 508 (ENERGY CONVERSION DEVICES) * figures 1-6 * ---	49-52, 56,57	
P,X	EP-A-0 232 829 (KANEKAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA) * abstract; page 54, paragraph 3; claims * ---	1-3,41, 42	
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The present search report has been drawn up for all claims			
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